

Title (en)

ACTUATION CONTROL AND CONTROL METHOD, PARTICULARLY FOR ELECTRICAL DISCONNECTORS

Title (de)

BETÄTIGUNGSSTEUERUNG UND STEUERVERFAHREN, INSBESONDERE FÜR ELEKTRISCHE TRENNSCHALTER

Title (fr)

COMMANDE D'ACTIONNEMENT ET PROCÉDÉ DE COMMANDE, PARTICULIÈREMENT POUR DES SECTIONNEURS ÉLECTRIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012104880A1] An actuation control (10), for electrical disconnectors, which comprises - a device (11) for driving the actuation motor (12) of a movable element (13) of an electrical disconnector (14) or the like, adapted to execute a program for driving the movable element (13), - means (15, 16, 17, 18) for detecting operating parameters of the disconnector (14), - a device (19) for processing the operating and control parameters of the driving device (11), to which it is connected in order to control it in an emergency situation, according to an emergency driving program to be executed instead of a preset ordinary driving program, the emergency situations being defined by the acquisition, by at least one of the operating parameters, of a value that exceeds a predefined threshold value, - means (20) for storing the operating parameters, which are connected to the processing and control device (19) in order to receive from it and store the processed operating parameters, - interface means (21) of the actuation control (10), for its activation for opening or closing the disconnector (14). The operating parameters comprise at least - first operating parameters for the operation of the movable element (13), which comprise at least the speed of motion of the movable element (13) and its position between a disconnector closure position and a disconnector open position, - second operating parameters for the operation of the motor (12), which comprise the intensity of the current absorbed by the motor (12) and the trend of the voltage supplied to it, - time parameters comprising the date and time of day, and - environmental parameters. Furthermore, the present invention relates to a method for actuation control, particularly for electrical disconnectors, characterized in that it consists in - detecting operating parameters of the disconnector (14), - processing the operating parameters and, in emergency situations, controlling.

IPC 8 full level

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